

C-RH153L8A PERFORMANCE DATA

RETURN GAS SUPERHEATED	(°C)	35
SUBCOOLING	(°C)	8.3
AMBIENT	(°C)	35
REFRIGERANT		R134a/R513A
COMPRESSOR REVOLUSION		50Hz

Capacity(W)		Evaporating Temp.				
		-10	-5	0	5	10
Condensing Temp.	30	2075	2542	3077	3678	4346
	40	1885	2334	2855	3449	4114
	50	1703	2112	2585	3124	3727
	60	1523	1890	2311	2787	3317
INPUT(W)		Evaporating Temp.				
		-10	-5	0	5	10
Condensing Temp.	30	1015	1038	1062	1086	1110
	40	1101	1123	1146	1173	1201
	50	1227	1249	1272	1297	1322
	60	1391	1418	1446	1475	1504
Current(A)		Evaporating Temp.				
		-10	-5	0	5	10
Condensing Temp.	30	2.56	2.58	2.59	2.61	2.64
	40	2.60	2.62	2.64	2.66	2.68
	50	2.67	2.69	2.71	2.72	2.74
	60	2.82	2.84	2.86	2.88	2.90

z= p1 + p2*x + p3*y + p4*x^2 + p5*x*y + p6*y^2+p7*x^3 + p8*x^2*y + p9*x*y^2 + p10*y^3
 x——Condensing Temp.(°C); y——Evaporating Temp.(°C)

	Capacity(W)	Input(W)	Current(A)
P1	2.8056E+03	9.2136E+02	1.9289E+00
P2	4.2162E+01	3.8186E+00	4.8543E-02
P3	9.6186E+01	7.1155E+00	5.2750E-03
P4	-1.3770E+00	-2.6000E-02	-1.2100E-03
P5	1.2966E+00	-1.2390E-01	-9.0000E-05
P6	1.6926E+00	2.0857E-02	1.4286E-04
P7	8.9333E-03	1.8000E-03	1.1000E-05
P8	-2.3500E-02	1.6500E-03	1.0000E-06
P9	-8.9143E-03	2.8571E-05	-2.8571E-06
P10	-3.3333E-04	-5.0000E-04	5.0000E-06